

*Introducing the well-reputed,
multi-view display built-in AV-HS400
with new and enhanced capabilities!*



The compact body, 1M/E multi-format live switcher AV-HS400 now comes with new capabilities. Not only have the key and multi-view display function been enhanced, now you can remotely operate the cameras and pan-tilt. Moreover, by adding the newly optional boards, it realizes a greater scalability of the input/output signal formats. It is a truly versatile switcher that meets a breadth of HD/SD production needs.

More convenient multi-view display function

Enables green tally display of the input selected by the preset bus*. It also permits input material name editing and offers input material name ON/OFF switch and 5 levels of brightness. Moreover, it also provides a material name background label and frame ON/OFF switch, and a choice from among 5 levels of brightness, realizing an even more eye-friendly and easily operation.

* "TALLY" output doesn't have green tally port.

Frame ON/OFF switch and
brightness adjustment



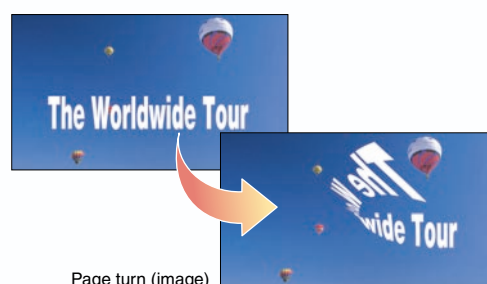
ON/OFF switch for the input material name
background label

Green tally

Input material name editing and
ON/OFF switch, brightness adjustment

An enhanced key function offering greater creative freedom

With the addition of 3D DVE effects (ex. page turn), the AV-HS400A offers an even greater range of key functions brought to life with the flying key function, enabling easy key position and size adjustment and edge can be changed to all direction (45-degree step).

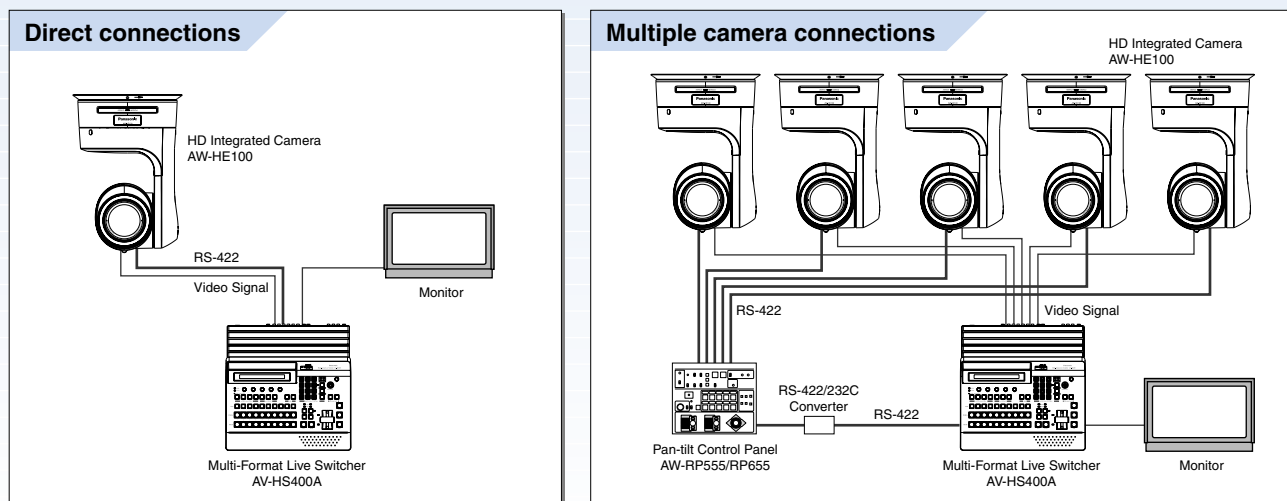


Page turn (image)

The current AV-HS400 may also be upgraded. For details, please inquire with your local distributor.

Remotely control the HD integrated camera AW-HE100 and pan-tilt heads*

Directly connecting the AW-HE100 or Panasonic's camera/pan-tilt head* allows control over pan, tilt, zoom, and focus using the AV-HS400A's positioner. Moreover, by also connecting Panasonic's control panel** you can switch between and operate up to 5 cameras and pan-tilt heads*.



* Compatible models: AW-PH400/AW-PH405/AW-PH360. ** Compatible models: AW-RP655/AW-RP555.

A rich array of new functions

- Additional image format (JPEG) allowing FMEM transfer from an SD Memory Card
- Image file transfer via LAN (JPEG/TIFF/PNG/GIF/BMP compatible)***
- Displays the number of stored images and the remaining capacity of the SD Memory Card

*** The dedicated software is included in the package.

Two new optional input and output expansion boards offer greater scalability

**** AV-HS04M6/HS04M7 is exclusively for the AV-HS400A. The AV-HS400 must be upgraded to use the AV-HS04M6/HS04M7 with the AV-HS400. For details, please inquire with your local distributor.



ANALOG COMPOSITE INPUTS BOARD

AV-HS04M6****

INPUTS: Analog Composite x 2
(Built-in Up-converter)



SDI OUTPUTS BOARD

AV-HS04M7****

OUTPUTS: HD/SD-SDI x 2 (BNC)
(Built-in Down-converter)

Specifications

Video processing	Video format	SD (480/59.94i, 576/50i), HD (1080/59.94i, 1080/50i, 720/59.94p, 720/50p)
M/E		1M/E
Input	Video processing	Y:Cb:Cr, 4:2:2 10 bit RGB, 4:4:4 8 bit
	Video	Standard: Four inputs (HD/SD-SDI) Option: A maximum of four inputs (Up to 2 input boards (each board offering 2 inputs) for each of the following 4 types of boards may be added: HD/SD-SDI x 2, HD/SD-analog component x 2, analog composite x 2, DVI/RGB x 2.)
	Key	Assign one out of video inputs
	DSK	Assign one out of video inputs
	Reference	Black burst/TRI (loop through) x 1
Output	Video	Standard: Four outputs (PGM x 2, general-purpose x 2, each HD/SD-SDI) Option: A maximum of four outputs (general-purpose x 4) (Up to 2 output boards (each board offering 2 outputs) for the following 3 types of boards may be added: analog component x 2, DVI/analog component x 1 each, HD/SD-SDI x 2).
	Reference	Loop through x 1 (Genlock), or Black burst x 2 (internal synchronization)
WIPE/DVE	Pattern	WIPE x 12, Squeeze x 11, SLIDE x 8, 3D DVE x 12 (3 directions) Selection with key transition is possible independently of background.
Transition	Transition method	FADER, AUTO
	Transition type	Cut, mix, wipe (including DVE), background and key can be selected.
KEYER	Key source	BUS
	Key fill	BUS, MATTE
PinP	Key mode	Linear key, Lum key, Chroma key (Key only)
	Transition method	AUTO (PinP only)
Interface	Transition type	MIX
	Serial (EDITOR)	D-sub9pin x 1: RS-422 (GVG protocol compatible), for controlling a pan-tilt system
	Tally output	D-sub15pin x 1, open collector output
	GPI	ø 3.5 Stereo mini jack
	LAN	RJ45, 10 Mbps x 1
Removable media	SD memory card slot	1 (for transferring still image files and providing an upgrade capability)
Humidity		10 % to 90 % (no condensation)
Operating temperature		0 °C to +40 °C
Power Supply / Power consumption		AC 220 V to 240 V, 50 Hz/60 Hz / Approx. 98 W
Dimensions (W x H x D)		420 mm x 132 mm x 408 mm (excluding protrusions)
Weight		Approx. 6.4 kg: without options
		Approx. 7.2 kg: with options

* Features and specifications in this document are subject to change without notice due to continual improvements.

● SD Logo is a trademark.

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